WATER SYSTEM

The Tarboro water system supplies water to all areas within the town limits and to other areas designated on the water system map. Within the area supplied with water, there are 2,918 active services.

The local water supply is obtained by pumping raw water from the Tar River to the Town's treatment plant. The treatment plant capacity is 3,000,000 gallons per day and the present consumption is about 900,000 gallons per day. It is estimated that the minimum flow of the Tar River in the area is 23,000,000 gallons per day. Since the Town is using less than 1,000,000 gallons per day, no water shortage will likely occur in the future.

The Pitometer Plan which was contracted through an engineering consulting firm has directed the development of the water system since 1959. Several projects completed over the past few years, include the extension of a 12 inch line from Albemarle Avenue to the new school on Howard Avenue Extension; and the lengthening of a 12 inch line along Church Street to the Wagner Street tank which ties the Town's three tanks together with a 12 inch line.

The Tar River is typical of any surface stream in Eastern North Carolina; treatment is required. The methods used to treat the water are coagulation, sedimentation, filtration and chlorination. In addition to this treatment, liquid caustic is used to raise the Ph for corrosion prevention. Sodium fluoride is also added to insure that the children will have strong, healthy teeth.

Water storage and pressure is furnished by three elevated tanks, two of 200,000 gallon capacity and one of 100,000 gallon capacity. Distribution is through a network of six to twelve inch mains.

The present Town policy in regard to extension of the water system is outlined below. The policy is divided into conditions governing extensions inside and outside the corporate limits.